EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	5643	((341/22,26,34) or (345/168) or (400/472)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/10 17:01
L2	82209	(without "not" no eliminat$3 reduc$3) near3 (scan$4 poll$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/10 17:01
L3	162	L1 and ((detect$3 sens $3 determin$3) near5 ((depress$3 de$1press$3 press$3) and (releas$3 lift$4off)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/10 17:01
L4	426	((depress$3 de$1press$3 press$3) and (releas$3 lift$4off)) same ((potential voltage) near3 (transien$3 spik $3 ramp$3 surg$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/10 17:01
L5	0	L3 and L2 and L4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/10 17:01
L6	3	L1 and L2 and ((potential voltage) near3 (transien$3 spik $3 ramp$3 surg$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/10 17:05
L7	2	L1 and (((potential voltage) near3 (transien $3 spik$3)) same threshold)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/10 17:07
L8	1	L1 and (((potential voltage) near3 (transien $3 spik$3)) same threshold) and (scan$4 poll$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/10 17:08
L9	5	L1 and ((scan$4 poll$3) near5 (before prior earlier) near5 (lift $4off releas$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/10 17:12

L10	9	L1 and ((scan$4 poll$3) near5 (when after once) near5 (lift$4off releas $3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/10 17:15
L12	3	L1 and ((detect$3 sens $3 determin$3) same ((key$4down key$4press $3 de$1press$3 press$3 activat$3) and (key$4up key$3releas$3 releas$3 lift$4off)) same ((potential voltage) near5 (transien$3 spik $3 ramp$3 surg$3)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/10 17:28
L13	31	L1 and ((reduc$3 decreas $3) near10 (scan$4 poll $3)) same (power energy efficien$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/10 17:46
L14	31	L1 and (((reduc$3 decreas$3) near10 (scan $4 poll$3)) same (power energy efficien$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/10 17:46
L15	92	L1 and ((scan$4 poll$3) near5 (lift$4off releas $3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/10 18:11
L16	2	L1 and ((scan$4 poll$3) near5 (start$3 begin$4 commenc$3 initiat$3) near5 (lift$4off releas $3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/10 18:13
S1	2	("20050024337").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/03 16:16
S2	4365	((341/22,26,34) or (345/168)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/10 13:25
S3	15	(("5386584") or ("5585792") or ("6198820") or ("5700194") or ("3765015") or ("3973256") or ("2002171564")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/10 09:45

S4	483	(detect$3 OR sens$3 OR determin$3 OR determinat$3) SAME (capacitor OR capacitive OR capacitance) SAME (amp OR amplify$3 OR amplifier) SAME (comparator OR compar$3) SAME ("or" NEAR2 (gate OR circuit))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 10:11
S5	62634	parallel NEAR2 serial	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 09:50
S6	566939	(key OR switch$3 OR button) WITH (voltage OR potential OR ground$3 OR grnd)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 09:51
S7	1	S2 AND S4 AND S5 AND S6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 10:08
S8	9	S4 AND S5 AND S6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 10:10
S9	1404	(detect$3 OR sens$3 OR determin$3 OR determinat$3) SAME (capacitor OR capacitive OR capacitance) SAME (comparator OR compar$3) SAME ("or" NEAR2 (gate OR circuit))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 10:09
S10	34	S9 AND S5 AND S6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 10:10
S11	320892	(detect$3 OR sens$3 OR determin$3 OR determinat$3) SAME (capacitor OR capacitive OR capacitance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 12:43
S12	17	S2 AND S5 AND S6 AND S11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 12:14

S13	2481	(continuous$2 OR continually OR continu$3) NEAR poll$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 10:13
S14	8	S2 AND S13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 10:18
S15	27	S2 AND S5 AND S11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 12:14
S16	3	("3721976" | "3740744" | "4157539").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/10 12:40
S17	9	("4414538").URPN.	USPAT	OR	ON	2006/04/10 12:40
S18	85696	(detect$3 OR sens$3 OR determin$3 OR determinat$3) SAME (capacitor OR (capacitive ADJ (element OR device)) OR capacitance) SAME (key OR button OR switch$3) SAME (voltage OR potential OR charge)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 13:26
S19	113	S2 AND S18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 12:48
S20	980	(341/26,34).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/10 13:25
S21	106351	(capacitor OR (capacitive ADJ (element OR device)) OR capacitance) WITH (key OR button OR switch$3) WITH (voltage OR potential OR charge)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 13:26
S22	52	S20 AND S21	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 13:28

S23	1523	keyboard AND ((capacitor OR (capacitive ADJ (element OR device)) OR capacitance) WITH (amp OR amplifier OR (amplify$3 ADJ (means OR device OR device))) WITH (voltage OR potential))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 13:51
S24	13	S20 AND S23	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 13:49
S25	18	S2 AND S23	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 13:49
S26	5	S25 NOT S24	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 13:49
S27	278	keyboard AND ((key OR button OR switch$3) WITH (capacitor OR (capacitive ADJ (element OR device)) OR capacitance) WITH (amp OR amplifier OR (amplify$3 ADJ (means OR device OR device))) WITH (voltage OR potential))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 13:53
S28	61268	(capacitor OR (capacitive ADJ element)) NEAR5 (hold$3 OR stor$3) NEAR5 (charg$3 OR voltage OR potential)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/17 15:07
S29	981	(341/26,34).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/18 12:35
S30	15	S29 AND S28	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/17 15:07
S31	12899	((capacitor OR (capacitive ADJ element)) NEAR5 (hold$3 OR stor$3) NEAR5 (charg$3 OR voltage OR potential)) SAME (amp OR amplifier OR amplify$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/18 12:35

S32	4	S29 AND S31	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/17 15:07
S33	28963	((capacitor OR (capacitive ADJ element)) NEAR5 (hold$3 OR stor$3) NEAR5 (charg $3 OR voltage OR potential)) AND (amp OR amplifier OR amplify$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/18 12:35
S34	981	(341/26,34).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/18 12:36
S35	9	S33 AND S34	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/18 13:06
S36	7348	(positive NEAR2 (comparator OR compar $3)) AND (negative NEAR2 (comparator OR compar$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/18 13:29
S37	325458	keyboard	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/18 13:07
S38	40642	(345/168).CCLS. or ("341").CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/18 13:07
S39	18	S38 AND S37 AND S36	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/18 13:41
S40	35124	(positive WITH (comparator OR compar $3)) AND (negative WITH (comparator OR compar $3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/18 13:54
S41	47	S38 AND S37 AND S40	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/18 13:30

S42	29	S41 NOT S39	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/18 13:30
S43	1	"4040036".PN.	USPAT; USOCR	OR	ON	2006/04/18 13:35
S44	9	S34 AND (("or" ADJ gate) WITH (comparator OR compar$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/18 13:45
S45	50658	(comparator OR compar $3) WITH (capacitor OR (capacitive ADJ element))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/18 13:54
S46	75	S38 AND S37 AND S45	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/18 15:59
S47	158	active ADJ (keypad OR keyboard)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/18 15:59
S48	4378	((341/22,26,34) or (345/168)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/18 16:01
S49	4378	S48	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/18 16:01
S50	22	S48 AND S47	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/18 16:04
S51	3	(Yi NEAR Tsung NEAR Cheng)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/18 16:11
S52	15	(("5386584") or ("5585792") or ("6198820") or ("2002171564") or ("5700194") or ("3765015") or ("3973256")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/18 16:09

S53	4	"0478141"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/18 16:10
S54	2	("0478141").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/18 16:10
S55	2	("0478141").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/18 16:10
S56	14	"1521166"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/18 16:11
S57	2	("5220601").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/19 08:55
S58	9	("3928847" | "4086588" | "4318087" | "4346369" | "4390754" | "4414538" | "4554530" | "4821033" | "5025255").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/19 08:58
S59	3	("3721976" | "3740744" | "4157539").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/19 09:31
S60	9	("4414538").URPN.	USPAT	OR	ON	2006/04/19 09:33
S61	10	(positive WITH (voltage OR potential OR charge) WITH ((push$3 OR press$3) NEAR2 down)) AND (negative WITH (voltage OR potential OR charge) WITH (lift$3 OR rais$3 OR up OR releas$3 OR up))	USPAT	OR	ON	2006/04/19 09:38
S62	150	(keyboard OR keypad) AND ((button OR key OR switch) SAME positive SAME (voltage OR potential OR charge) SAME (push$3 OR press$3 OR down)) AND ((button OR key OR switch) SAME negative SAME (voltage OR potential OR charge) SAME (lift$3 OR rais$3 OR up OR releas$3 OR up OR remov$3))	USPAT	OR	ON	2006/04/19 09:39

S63	265164	(("340") or ("341") or ("345")).CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/19 09:40
S64	20	S63 AND S62	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/19 10:06
S66	38	S63 AND (keypad OR keyboard) AND ((key OR switch$3 OR button) WITH capacitor WITH (amp OR amplifier OR amplify$3) WITH (voltage OR potential OR charge))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/19 10:12
S67	4378	((341/22,26,34) or (345/168)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/19 10:12
S68	4	S67 AND (keypad OR keyboard) AND ((key OR switch$3 OR button) WITH capacitor WITH (amp OR amplifier OR amplify$3) WITH (voltage OR potential OR charge))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/19 10:13
S69	35	S67 AND (keypad OR keyboard) AND ((key OR switch$3 OR button) SAME capacitor SAME (amp OR amplifier OR amplify$3) SAME (voltage OR potential OR charge))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/19 12:09
S70	101	(Kerr NEAR Richard)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/19 10:35
S71	8	(keypad OR keyboard OR key-pad OR key-board) AND (Kerr NEAR Richard)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/19 10:35
S72	2	("4539554").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/19 11:53

S73	265164	(("340") or ("341") or ("345")).CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/19 11:59
S74	326	S73 AND (keypad OR keyboard) AND ((key OR switch$3 OR button) SAME capacitor SAME (amp OR amplifier OR amplify$3) SAME (voltage OR potential OR charge))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/19 11:59
S75	4378	((341/22,26,34) or (345/168)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/04 12:51
S76	62	S75 AND (keypad OR keyboard) AND ((capacitor OR capacitance OR capacitive) SAME (amp OR amplifier OR amplify$3) SAME (voltage OR potential OR charge))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/19 12:10
S77	5090	((341/22,26,34) or (345/168) or (400/472)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/05 10:32
S78	25	(keyboard keypad (key NEAR (board pad))) WITH efficien$3 WITH (read$3 process$3 receiv$3) WITH only	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/04 14:55
S79	5091	((341/22,26,34) or (345/168) or (400/472)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 11:35
S80	2	("5925110").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 11:01
S81	5095	((341/22,26,34) or (345/168) or (400/472)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 11:35
S82	406787	keyboard keypad (key NEAR (board pad))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 13:38

S83	18839	(measur$3 sens$3 detect$3) WITH (voltage potential) WITH (key switch$3) WITH (clos$3 press$3 depress$3 actuat$3 releas$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 11:42
S84	5351267	(parallel NEAR2 serial NEAR2 register) p/s	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 11:37
S85	34	S82 AND (S83 SAME S84)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/14 14:28
S86	53	(measur$3 sens$3 detect$3) WITH (transien$3 NEAR2 (voltage potential)) WITH (key switch$3) WITH (clos$3 press$3 depress$3 actuat$3 releas$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 13:35
S87	0	S82 AND (S86 SAME S84)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 11:43
S88	2	S82 AND S86 AND S84	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 11:51
S89	4	S82 AND S86	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 11:52
S90	3495	(measur$3 sens$3 detect$3) WITH (transien$3 NEAR5 (voltage potential))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 13:35
S91	183	S82 AND S90	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 13:38
S92	5	S81 AND S82 AND S90	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 13:35

S93	113076	(keyboard keypad (key NEAR (board pad))).AB.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 13:38
S94	5	S93 AND S90	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 13:39
S95	0	62-251917	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/14 11:20
S96	1	(nakazawa NEAR takeo) AND (iwata NEAR eiji)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/22 10:14
S97	1	61-094803	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/14 11:21
S98	281909	(("340") or ("341") or ("345")).CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/14 14:33
S99	123	S98 AND (keyboard keymodule keypad (key NEAR (board module pad))).AB. AND (parallel NEAR2 serial NEAR2 (convert$3 process $3 register$3 shift$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/14 14:36
S100	5438	((341/22,26,34) or (345/168) or (400/472)). CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/27 12:22
S101	4	S100 and ((detect$3 sens $3 measur$3) near5 transien$3 near5 (voltage potential))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 12:27
S102	3	S100 and (capacitive capacitance capacitor) and (amp aplifier amplify$3 opamp) and (comparator compar$3) and ("or") and (parallel near2 serial)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 12:31

S103	9	S100 and ((comparator compar$3) same ("or" near (logic gate)) same (press$3 depress$3 touch $3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 13:01
S104	0	S100 and (((second two dual) near2 (comparator compar$3)) same ("or" near (logic gate)) same (press$3 depress$3 touch $3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 12:39
S105	290514	(("340") or ("341") or ("345")).CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/27 12:39
S106	12	S105 and (((second two dual) near2 (comparator compar$3)) same ("or" near (logic gate)) same (press$3 depress$3 touch $3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 12:42
S107	109	S105 and ((comparator compar$3) same ("or" near (logic gate)) same (press$3 depress$3 touch $3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 12:44
S108	0	S105 and "keyboard keypad" and ((comparator compar$3) same ("or" near (logic gate)) same (press$3 depress$3 touch$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 12:44
S109	48	S105 and (keyboard keypad) and ((comparator compar$3) same ("or" near (logic gate)) same (press$3 depress$3 touch$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 12:49
S110	0	S100 and (((detect$3 measur$3 sens$3) near5 (current voltate potential) near5 (transien$3 spike ramp $3 sudden$2)) same (depress$4 press$3 touch $3) same (releas$3 lift $3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 12:51
S111	0	S100 and (((detect$3 measur$3 sens$3) with (current voltate potential) with (transien$3 spike ramp $3 sudden$2)) same (depress$4 press$3 touch $3) same (releas$3 lift $3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 12:52

S112	11	S100 and ((detect$3 measur$3 sens$3) with (current voltate potential) with (transien$3 spike ramp $3 sudden$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 13:11
S113	15	S100 and ((comparator compar$3 amplifier amplify$3 opamp) same ("or" near (logic gate)) same (press$3 depress$3 touch$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 13:08
S114	3	S100 and (((current voltate potential) with (transien$3 spike ramp $3 sudden$2)) same (press$3 depress$3 touch $3) same releas$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 13:24
S115	6	S100 and ((comparator compar$3) with (press$3 depress$3 touch$3)) and ((comparator compar$3) with releas$3) and ("or" near3 (gate logic))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 13:28
S116	7	keyboard and ((((comparator compar$3) with (press$3 depress$3 touch$3)) same ((comparator compar$3) with releas$3) same (potential voltage current)) and ("or" near3 (gate logic))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 13:32
S117	3	S100 and ((comparator compar$3) with (press$3 depress$3 touch$3) with (potential voltage current)) and ((comparator compar$3) with releas$3 with (potential voltage current))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 13:35
S118	33	S100 and ((comparator compar$3) same (press$3 depress$3 touch$3) same (potential voltage current)) and ((comparator compar$3) same releas$3 same (potential voltage current))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 13:35
S119	128209	(("341") or ("345")). CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/03 16:16
S120	23	S119 and (keyboard keypad) and ((detect$3 determin$3 sens$3) with (voltage potential) with releas$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/03 16:58

S121	5	(("4346369") or ("4414538")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/03 17:00
S122	175	S119 and ((potential voltage) with compar$3 with (positive and negative) with (input terminal))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/03 17:02
S123	2	S119 and (keyboard keypad) and ((potential voltage) with compar$3 with (positive and negative) with (input terminal))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/03 17:03
S124	13	S119 and (keyboard keypad) and ((potential voltage) with compar$3 with (positive and negative))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/03 17:04
S125	5445	((341/22,26,34) or (345/168) or (400/472)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/03 17:04
S126	0	S125 and ((potential voltage) with compar$3 with (positive and negative))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/03 17:04
S127	108	S125 and ((potential voltage) with compar$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/03 17:04
S128	0	S125 and ((potential voltage) with compar$3 with ((touch$3 press$3 depress$3 push$3) and releas$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/03 17:05
S129	0	S125 and ((potential voltage) with compar$3 with releas$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/03 17:13
S130	6	S125 and (((potential voltage) with compar$3) same releas$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/03 17:13

S131	5643	((341/22,26,34) or (345/168) or (400/472)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/07 16:56
S132	12	S131 and ((without "not" no) near3 poll$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/07 16:56
S133	5643	((341/22,26,34) or (345/168) or (400/472)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/08 16:42
S134	31	S133 and ((detect$3 sens$3 determin$3) near5 ((depress$3 de$1press$3 press$3) and (releas$3 lift$4off))) and ((without "not" no) near3 (scan$4 poll$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/08 16:42
S135	0	S133 and ((detect$3 sens$3 determin$3) near5 ((depress$3 de$1press$3 press$3) and (releas$3 lift$4off))) same ((potential voltage) near3 (transien$3 spik$3 ramp$3 surg$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/08 17:28
S136	82149	(without "not" no eliminat$3 reduc$3) near3 (scan$4 poll$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/08 17:28
S137	162	S133 and ((detect$3 sens$3 determin$3) near5 ((depress$3 de$1press$3 press$3) and (releas$3 lift$4off)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/08 17:34
S138	426	((depress$3 de$1press$3 press$3) and (releas$3 lift$4off)) same ((potential voltage) near3 (transien$3 spik$3 ramp$3 surg$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/08 17:34
S139	0	S137 and S136 and S138	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/08 18:09

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